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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

CHARNOCK et al

Atty. Ref.: 687-93

Serial No. 09/787,011

Group: 1711

Filed: March 12, 2001

Examiner:

For: ION-EXCHANGE POLYMERS

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December 13, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

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Pursuant to Rule 37 C.F.R. §1.97(c), a fee of $180.00 as specified in Rule 17(p) is attached. If there is any shortage in the fee, please charge the deposit account of Nixon & Vanderhye, Account No. 14-1140.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO. 687-93

SERIAL NO. 09/787,011

APPLICANT CHARNOCK et al

FILING DATE March 12, 2001

GROUP 1711

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

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		Bauer et al; "Electrochemical characterisation of sulfonated polyetherketone membranes"; Journal of New Materials for Electrochemical Systems, 3 pp. 93-98 (2000).
		Shobha, et al; "Synthesis and Characterization of Sulfonated Poly(Arylene Ether)s Based on Functionalized Triphenyl Phosphine Oxide for Proton Exchange Membranes"; Polymer Preprints 2000, 41(1), pp. 180-181; and pp. 236-239.
		Chunxiao et al; "The Microstructure of Polyetheretherketone Containing Biphenyl Linkages and the Properties of the Sulphonated Polymer"; Chemical Journal of Chinese Universities, Vol. 15, No. 2, pp. 240-243 (1994) including English translation.
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*Examiner		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)